

SBIR/STTR Agency Comparison Chart

Agency	NIEHS (Superfund Research Program)	EPA	NSF (Chemical and Environmental Technologies)
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Small Business Award Types	SBIR and STTR <u>grants</u>	SBIR <u>contracts</u>	SBIR and STTR <u>grants</u>
Budget	\$1.8M NIEHS SRP \$14.5M Total for NIEHS	\$4.0M	\$177M NSF, NSF does not allocate funds by topic
Grant Amounts (Total Costs)	Ph I \$150K - \$225K Ph II \$1M - \$1.5M	Ph I \$100K Ph II \$300K + \$100K commercialization option	SBIR STTR Ph I \$150K \$225K Ph IB Matching funds from 3 rd party required Ph II \$750K \$750K Ph IIB Matching funds from 3 rd party required
Solicitations	3 / year Apr 5 Sep 5 Jan 5	1/year	2/year Jun 16 (SBIR), Jun 18 (STTR) 2015 Dec
Solicitation Topics	Detection and remediation of hazardous substances from Superfund sites	Technologies that detect, treat and reduce water and air pollution, including innovative green manufacturing and green materials	Nearly any innovation with high commercial or societal benefit potential fits somewhere
What They Don't Fund	Detection and remediation of <ul style="list-style-type: none"> × Pathogens in the environment × Petroleum related hazardous substances 	Not applicable	<ul style="list-style-type: none"> × Projects lacking technical risk or innovation × Projects where we don't see a strong chance of resulting commercial outcomes × Projects where our funding won't make a significant impact

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Registrations	<ol style="list-style-type: none"> 1. DUNS Number (Company) 2. System for Award Management (SAM) 3. SBA Company Registry at SBIR.gov 4. Grants.gov (Company) 5. eRA Commons (Company and all PD/PIs) 	<ol style="list-style-type: none"> 1. DUNS Number (Company) 2. System for Award Management (SAM) 3. SBA Company Registry at SBIR.gov 4. FedConnect - new electronic submission process 	<ol style="list-style-type: none"> 1. DUNS Number (Company) 2. System for Award Management (SAM) 3. SBA Company Registry at SBIR.gov 4. FastLane - electronic submission
Review Process	<ol style="list-style-type: none"> 1. External Peer Review 2. NIEHS Council Review 	<ol style="list-style-type: none"> 1. External Peer Review 2. Internal Relevancy Review 	<ol style="list-style-type: none"> 1. External Peer Review (Merit Review) 2. Due Diligence
Review Criteria	<ol style="list-style-type: none"> 1. Significance 2. Investigators 3. Innovation 4. Approach 5. Environment 	<ol style="list-style-type: none"> 1. Disruptive Potential 2. Management and Technical Capabilities 3. Life Cycle (environmental) Impacts 4. Technical Soundness 5. Commercialization Potential 	<ol style="list-style-type: none"> 1. Intellectual Merit - quality of research 2. Broader Impacts - societal impact 3. Commercial Potential
Technical Assistance Programs	<p>Ph I Niche Assessment</p> <p>Ph II Commercialization Assistance Program</p>	Ph II Commercialization Assistance Program	Additional R&D funds available supporting third party financial engagement (Investors, customers, state support) during Ph I and Ph II